

## CLAIMS

1. Replaceable cartridge filtering jug comprising a vessel (6) containing water requiring filtration and a vessel (10) for the collection of filtered water, the said vessels being connected through the said cartridge (8),  
5 as well as means (18) for counting the filtering cycles performed by the cartridge in order to determine the exhaustion state of the latter, characterised in that the said counting means comprise at least one float level detector (19) associated with one of the said vessels (6, 10) and capable of generating at least one counting signal fed to the said counting means as a consequence of the corresponding water level  
10 being reached within the corresponding vessel.
2. Filtering jug according to claim 1 in which the said level detector comprises at least one proximity sensor (28a-28g) which senses the position of the float (19).
- 15 3. Filtering jug according to claim 2 in which the said at least one proximity sensor comprises a switch.
4. Filtering jug according to claim 3 in which the said switch is of the reed, hall and/or magneto-resistant type and the said float has a magnetic stop (21) which is able to co-operate together with the said switch.
- 20 5. Filtering jug according to one or more of the preceding claims in which the said float (19) is housed in a compensation chamber (23) communicating with the said vessel (6, 10) through a gauged opening (24).
- 25 6. Filtering jug according to claim 5 in which the said float (19) is guided within the said compensation chamber.

7. Filtering jug according to claim 1, 2, 3 or 4 in which the float (19) is mounted at one end of a hinged arm (30) whose opposite extremity (35) is hinged on the corresponding vessel (6, 10).
8. Filtering jug according to one or more of the preceding claims in which  
5 the said level detector comprises a plurality of sensors located at rising levels within the corresponding vessel.